

# Whole Air Sampling for Vapor Intrusion

- TO-Can™ Air Monitoring Canisters with choice of valve
- Canister Air Sampling Timer
- Passive Air Sampling Kits



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free literature

**A Guide to Passive Air Sampling: Equipment Needed and Practical Techniques for Collecting Air Samples**

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Technical Guide  
lit. cat.# 59977B

**TO-Can™ Air Monitoring Canisters (SUMMA® can equivalent)**

Optimized for EPA Methods TO-14 and TO-15, and ASTM D5466

- Proprietary electropolished surface that maintains compound stability.
- High quality, metal-to-metal seal, 2/3-turn valve with stainless steel diaphragms.
- 2-port or 3-port valve available; 3-port valve includes 30" Hg/60psi vacuum/pressure gauge (other gauges available).

Feature	Benefit
Metal to metal seat, valve with stainless steel diaphragms.	No sample adsorption, for more accurate results.
Vacuum/pressure gauge (optional).	Ascertain internal conditions at a glance.
Variety of sizes.	Meet a range of sampling needs.
Stable to 250°C.	Heat canister to 250°C for superior cleaning.

did you know?

TO-Can™ Canisters are cleaned prior to shipping.

Description	qty.	1L Volume		3L Volume		6L Volume		15L Volume	
		cat.#	cat.#	cat.#	cat.#	cat.#	cat.#		
TO-Can™ Canister, 1/4" Valve	ea.	24172	24173	24174	24175	24176	24177	24178	24179
TO-Can™ Canister with Gauge, 1/4" Valve	ea.	24176	24177	24178	24179	24180	24181	24182	24183
TO-Can™ Canister with No Valve	ea.	22094	22095	22096	22097	22098	22099	22100	22101

Restek canisters are originally equipped with high-quality Parker Hannifin diaphragm valves. Each valve is helium leak-tested to 4 x 10<sup>-6</sup>cc/sec. The all-stainless steel construction eliminates contamination and withstands temperatures from -100°C to 250°C. Other features include a compression outlet fitting and a 1/4" inlet and outlet.

**TO-Can™ Canisters with Swagelok® SS4H Bellows-Sealed Valve**

- All metal flow path prevents sample adsorption, giving more accurate results.
- Withstands temperatures of up to 300°C.
- Rugged performance in the field.

Description	qty.	1 Liter Volume		3 Liter Volume		6 Liter Volume		15 Liter Volume	
		cat.	cat.	cat.	cat.	cat.	cat.		
TO-Can™ Canister with 1/4" Swagelok® SS4H Bellows-Sealed Valve	ea.	22105	22106	22107	22108	22109	22110	22111	22112



new!

**Canister Air Sampling Timer**

- Program up to 12 timed events!
- Simplify both manual and automated operation.
- Perfect for either grab or time-integrated sampling.
- Long battery life; recharges conveniently using the USB port on any PC.
- All stainless steel sample flow path ensures inertness, improving accuracy.
- Compatible with any canister and flow controller.

Description	qty.	cat.#
Canister Air Sampling Timer	ea.	24267

Includes: solenoid valve for sampling control, 1/4" Swagelok® inlet and outlet fittings, highly inert stainless steel flow path, and water-proof exterior for outdoor use.



new!

**Passive Air Sampling Kits**

- Provide accurate integrated sampling without a sampling pump.
- Siltek® treated components ensure a very inert surface.
- Excellent for sampling times from 0.5 hour to 125 hours.

400cc	Canister Volume*/Sampling Time				Flow (sccm)	Orifice size	Siltek® Treated Sampling Kits	Stainless Steel Sampling Kits
	1 Liter	3 Liter	6 Liter	15 Liter				
8 hour	24 hour	48 hour	125 hour	—	0.5–2	0.0008"	24217	24216
2 hour	4 hour	12 hour	24 hour	60 hour	2–4	0.0012"	24160	24165
1 hour	2 hour	6 hour	12 hour	30 hour	4–8	0.0016"	24161	24166
—	1 hour	4 hour	8 hour	20 hour	8–20	0.0020"	24162	24167
—	—	2 hour	3 hour	8 hour	20–40	0.0030"	24163	24168
—	—	—	1.5 hour	4 hour	40–80	0.0060"	24164	24169
—	—	—	0.5 hour	1 hour	80–350	0.0090"	22101	22100

\*Air sampling canisters sold separately.

Restek trademarks: Siltek, TO-Can, Restek logo.  
Other trademarks: SUMMA (Moleetrics), Swagelok (Swagelok Company)



Fitting connections are 1/4" tube, except where noted.



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